

## Petrochina Lanzhou Petrochemical company

## Product quality inspection sheet

Analysis project	Qualitative index	measured results
Volatile matter, % (mass fraction)	$\leq 0.5$	0.21
Ash, % (mass fraction)	$\leq 0.75$	0.71
Binding acrylonitrile, % (mass fraction)	32.5-34.5	33.9
Mooney viscosity, ML (1+4) 100°C	50-60	56
300% constant elongation stress (145°C, 5min 1 style, speed 500/min), Np	10.6-14.6	13.7
Tensile strength (145°C, 50min 1 style, speed 500mm/min), Mpa	$\geq 25$	29.1
Elongation at break (145°C, min 1 style, speed 500mm/min), %	$\geq 470$	530

<b>test method</b>
<b>GB/T 24131-2009</b>
<b>GB/T 4498.1-2013</b>
<b>SH/T 1157.2-2015</b>
<b>GB/T 1232.1-2000</b>
<b>SH/T 1611-2004/GB/T528-2009</b>
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